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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED JULY 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: September 16, 1986

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

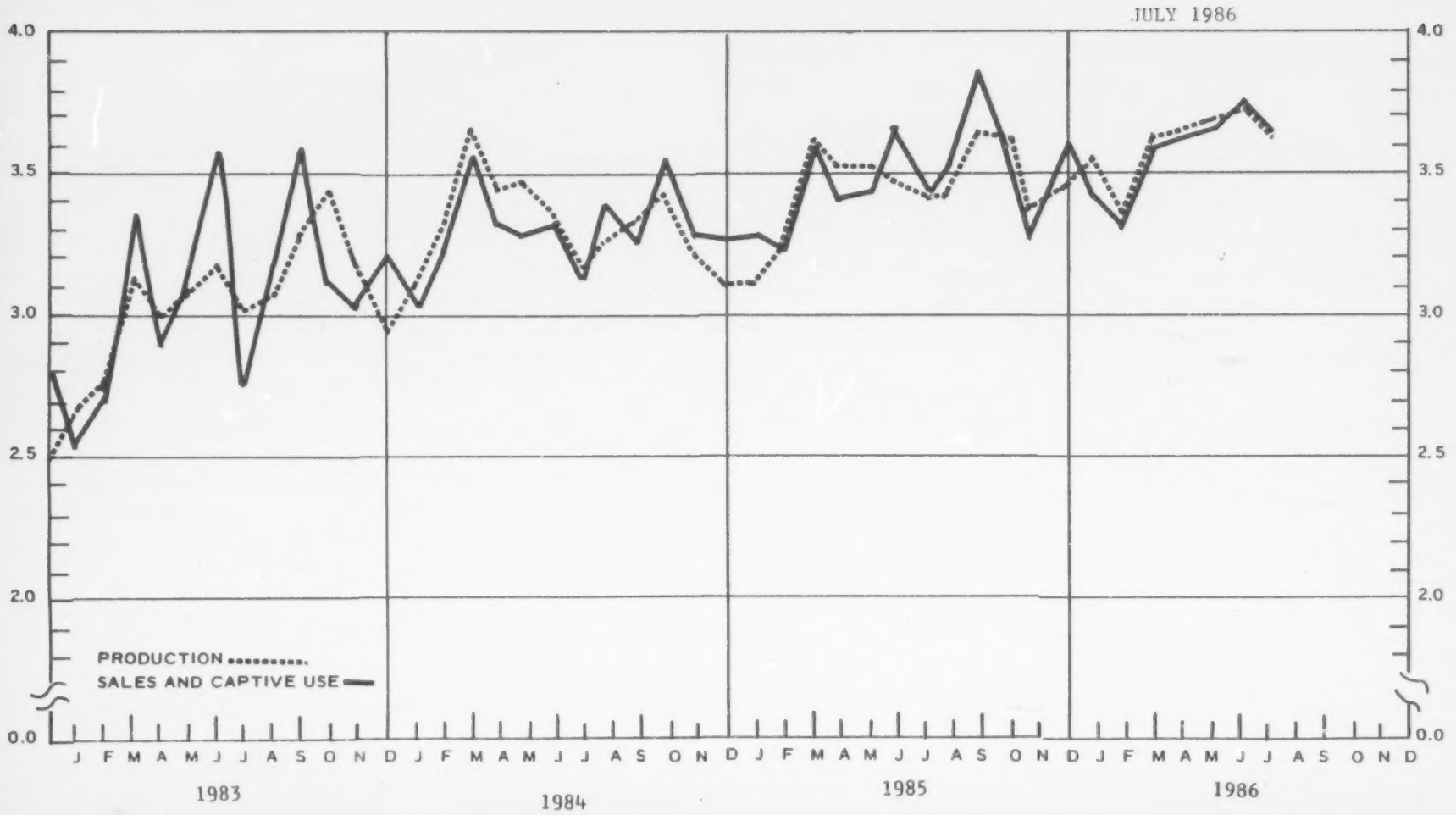
PART 300/400
NON-PART 400/500

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


JULY 1986
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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JULY 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	31,083	30,360	+ 2.4	222,253	220,216	+ 0.9	34,616	35,569	- 2.7	232,230	223,544	+ 3.9
POLYESTER (UNSATURATED) RESINS, TOTAL	104,884	102,905	+ 1.9	749,301R	736,403	+ 1.8	104,965	103,060	+ 1.8	750,780R	733,292	+ 2.4
UREA RESINS, TOTAL	98,965	95,988	+ 3.1	720,810R	702,275	+ 2.6	99,243	95,778	+ 3.6	724,435R	707,398	+ 2.4
MELAMINE RESINS, TOTAL	15,955	15,802	+ 1.0	112,742	112,560	+ 0.2	12,812	14,507	-11.7	104,779	112,096	- 6.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,921	223,422	+ 4.7	1,601,773R	1,505,002	+ 6.4	227,033	217,789	+ 4.2	1,582,654R	1,492,868	+ 6.0
THERMOSETTING RESINS, TOTAL	484,808	468,477	+ 3.5	3,406,879R	3,276,456	+ 4.0	478,669	466,703	+ 2.6	3,394,878R	3,269,198	+ 3.8
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	804,233	730,272	+10.1	5,015,693R	5,052,700	- 0.7	728,614	744,947	- 2.2	5,151,621R	5,080,805	+ 1.4
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	587,489	589,019	- 0.3	3,961,752	3,715,861	+ 6.1	599,903	577,907	+ 3.8	4,094,673	3,852,681	+ 6.3
POLYPROPYLENE, TOTAL	478,221	417,240	+14.6	3,252,828	3,011,579	+ 8.0	471,747	434,588	+ 8.6	3,297,299	2,939,476	+12.2
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	78,355	82,221	- 4.7	600,031	610,866	- 1.8	75,823	89,580	-15.4	615,572	624,057	- 1.4
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	5,626	5,703	- 1.4	43,338	52,582	-17.6	5,749	6,401	-10.2	49,234	53,231	- 7.5
POLYSTYRENE RESINS, TOTAL	357,298	318,130	+12.3	2,561,420R	2,360,978	+ 8.5	383,377	314,852	+21.8	2,526,078R	2,345,696	+ 7.7
STYRENE BASED LATEXES, TOTAL **	70,249	66,092	+ 6.3	490,920R	457,202	+ 7.4	64,342	51,800	+24.2	463,574R	419,763	+10.4
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	25,597	25,363	+ 0.9	165,365	155,126	+ 6.6	27,397	23,919	+14.5	161,607	158,189	+ 2.2
NYLON RESINS, TOTAL	34,060	31,796	+ 7.1	255,451R	232,674	+ 9.8	39,592	29,274	+35.2	276,440	231,357	+19.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	576,620	548,393	+ 5.1	4,206,285R	3,847,111	+ 9.3	591,055	520,226	+13.6	4,154,628	3,914,535	+ 5.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,026	56,973	+ 0.1	409,605R	400,635	+ 2.2	* 57,026	* 56,973	+ 0.1	* 409,605R	* 400,635	+ 2.2
POLYVINYL ALCOHOL, TOTAL #	D(4)	10,638		D(4)	83,593		D(4)	14,991		D(4)	82,764	
OTHER VINYL RESINS, TOTAL	15,764	14,413	+ 9.4	112,512	111,729	+ 0.7	14,307	16,739	-14.5	118,236	110,774	+ 6.7
THERMOPLASTIC POLYESTER, TOTAL	99,556	78,921	+26.1	651,950	549,218	+18.7	100,584	79,646	+26.3	656,904	566,226	+16.0
THERMOPLASTIC RESINS, TOTAL	3,190,094	2,975,179	+ 7.2	21,707,150R	20,641,854	+ 5.2	3,159,516	2,961,843	+ 6.7	21,975,471R	20,780,187	+ 5.8
GRAND TOTAL	3,674,902	3,443,656	+ 6.7	25,114,029R	23,918,310	+ 5.0	3,638,185	3,428,546	+ 6.1	25,370,349R	24,049,385	+ 5.5

(1) - Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

** = Sales and Captive Use figures include some Canadian produced material.

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R = Revision

(4) = The Publishing of PVOH data is temporarily suspended until further notice. Since the 1985 data does include PVOH, the totals are not comparable.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

JULY 1986

RESIN KIND	JULY				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	35	1	7	29	232	10	57	185	5
POLYESTER (UNSATURATED) RESINS, TOTAL	105	1	2	104	751 R	3	16	738 R	0
UREA RESINS, TOTAL	99	2	0	101	724	16	1	739	2
MELAMINE RESINS, TOTAL	13	0	1	12	105	2	13	94	2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227	4	3	228	1,583	24	22	1,585	2
THERMOSETTING RESINS, TOTAL	479	8	13	474	3,395	55	109	3,341	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	729	68	82	715	5,152 R	407	463	5,096 R	8
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	600	4	71	533	4,095	25	523	3,597	1
POLYPROPYLENE, TOTAL	472	2	121	353	3,297	15	632	2,680	1
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	76	6	12	70	616	45	58	603	7
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	6	0	1	5	49	0	7	42	0
OTHER STYRENICS	92	7	8	91	525	32	53	604	5
POLYSTYRENE, TOTAL	383	2	11	374	2,526	14	63	2,477	1
NYLON RESINS, TOTAL	40	2	5	37	276	15	36	255	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	591	13	31	573	4,155	141	182	4,114	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57	2	5	54	410 R	13	42	381 R	3
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	14	4	3	15	118	24	28	114	21
THERMOPLASTIC POLYESTER, TOTAL	101	5	6	100	657	16	69	604	3
THERMOPLASTIC RESINS, TOTAL	3,161	115	356	2,920	21,976	747	2,156	20,567	4
GRAND TOTAL	3,640	123	369	3,394	25,371 R	802	2,265	23,908 R	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = The Publishing of PVOH data has been suspended until further notice.

D = Disclosure
R = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	31,083	30,360	+ 2.4	222,253	220,216	+ 0.9	34,616	35,569	- 2.7	232,230	223,544	+3.9
Total Exports	4,797	3,343	+43.5	31,224	26,359	+18.5						
Captive Use, Total	977	1,232	-20.7	7,580	8,699	-12.9						
Domestic Sales, Total	25,309	25,785	- 1.8	183,449	185,158	- 0.9						
Domestic Sales & Captive Use, Total	26,286	27,017	- 2.7	191,029	193,857	- 1.5						
Bonding & Adhesives	1,612	1,386	+16.3	11,551	10,566	+ 9.3						
Flooring, Paving & Exposed Aggregate	2,030	1,402	+44.8	11,971	10,300	+16.2						
Protective Coatings	13,777	15,117	- 8.9	96,190	100,906	- 4.7						
Fiber Reinforced Laminates & Composites, Total	4,898	4,843	+ 1.1	41,545	40,634	+ 2.2						
FRL&C for Printed Wiring Board	3,339	3,234	+ 3.2	28,319	26,046	+ 8.7						
All Other FRL&C	1,559	1,609	- 3.1	13,226	14,588	- 9.3						
Tooling, Casting & Molding Resins	1,803	1,589	+13.5	13,358	14,089	- 5.2						
All Other Uses	2,166	2,680	-19.2	16,414	17,362	- 5.5						
POLYESTER (UNSATURATED) RESINS, TOTAL	104,884	102,905	+ 1.9	749,301 R	736,403	+ 1.8	104,965	103,060	+ 1.8	750,780 R	733,292	+2.4
Total Exports	919	783	+17.4	6,075	5,152	+17.9						
Total Domestic	103,965	102,122	+ 1.8	743,226 R	731,251	+ 1.6						
General Purpose Resins, Total	89,666	89,827	- 0.2	645,402 R	639,757	+ 0.9						
General Purpose - Thixotropic	40,759	37,323	+ 9.2	284,960 R	269,825	+ 5.6						
General Purpose - Press Molding	9,622	12,581	-23.5	93,848 R	92,966	+ 0.9						
General Purpose - All Other	39,285	39,923	- 1.6	266,594 R	276,966	- 3.7						
Flame Retardant Resins	2,004	2,039	- 1.7	14,710 R	14,091	+ 4.4						
Chemical Resistant Resins	12,295	10,256	+19.9	83,114 R	77,403	+ 7.4						
Chemical Resistant Isophthalic Resins	10,262	7,936	+29.3	67,069	58,525	+14.6						
All Other Chemical Resistant Resins	2,033	2,320	-12.4	16,045 R	18,878	-15.0						
Reinforced Plastics, Total	76,713	77,646	- 1.2	567,996 R	565,312	+ 0.5						
Non-Reinforced Plastics, Total	27,252	24,476	+11.3	175,230	165,919	+ 5.6						

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	98,965	95,988	+ 3.1	720,810R	702,275	+ 2.6	99,243	95,778	+ 3.6	724,435R	707,398	+ 2.4
MELAMINE RESINS, TOTAL	15,955	15,802	+ 1.0	112,742	112,560	+ 0.2	12,812	14,507	-11.7	104,779	112,096	- 6.5
UREA & MELAMINE RESINS, TOTAL	114,920	111,790	+ 2.8	833,552R	814,835	+ 2.3	112,055	110,285	+ 1.6	829,214R	819,494	+ 1.2
Total Exports	D	D		D	D							
Total Domestic*	114,920	111,790	+ 2.8	833,552R	814,835	+ 2.3						
Textile Treating & Coating Resins	1,110	1,365	-18.7	10,923	10,626	+ 2.8	1,739	1,616	+ 7.6	14,899	15,404	- 3.3
Paper Treating & Coating Resins	8,487	8,242	+ 3.0	58,633R	58,933	- 0.5	8,582	8,862	- 3.2	59,253R	63,487	- 6.7
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	88,889	83,438	+ 6.5	644,557R	617,035	+ 4.5	88,748	83,208	+ 6.7	642,970R	618,556	+ 3.9
Laminating	4,079	3,379	+20.7	27,492	25,787	+ 6.6	3,908	3,266	+19.7	27,213	25,697	+ 5.9
Plywood	5,684	3,972	+43.1	35,107R	32,925	+ 6.6	5,733	3,946	+45.3	35,442	33,13[illegible]	+ 7.0
Fibrous & Granulated Wood (Particle Board)	79,126	76,087	+ 4.0	581,958R	558,323	+ 4.2	79,107	75,996	+ 4.1	580,315R	559,727	+ 3.7
Protective Coatings (Straight & Modified)	8,530	7,922	+ 7.7	60,944	52,105	+17.0	6,752	7,091	- 4.8	60,266	56,138	+ 7.4
All Other Uses (Includes Molding Compounds, and Exports)	7,904	10,823	-27.0	58,495R	76,136	-23.2	6,234	9,508	-34.4	51,826R	65,909	-21.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,921	223,422	+ 4.7	1,601,773R	1,505,002	+ 6.4	227,033	217,789	+ 4.2	1,582,654R	1,492,868	+ 6.0
Total Exports	1,059	1,820	-41.8	8,347	12,642	-34.0						
Total Domestic	232,862	221,602	+ 5.1	1,593,462R	1,492,360	+ 6.8						
Molding Compounds	14,404	14,888	- 3.3	118,981	122,819	- 3.1	11,127	12,266	- 9.3	122,192	127,386	- 4.1
Bonding & Adhesive Resins for:	191,022	201,709	- 5.3	1,426,395R	1,330,374	+ 7.2	188,899	200,386	- 5.7	1,411,694	1,326,277	+ 6.4
Laminating	15,118	12,610	+19.9	108,161R	85,207	+26.9	13,882	11,270	+23.2	99,200R	75,076	+32.1
Coated & Bonded Abrasives	1,196	1,235	- 3.2	10,782R	9,950	+ 8.4	1,203	1,239	- 2.9	10,827R	9,979	+ 8.5
Friction Materials	2,242	1,869	+20.0	17,014R	15,772	+ 7.9	1,757	1,728	+ 1.7	16,528R	15,570	+ 6.2
Insulation Materials	35,711	36,361	- 1.8	242,092R	227,618	+ 6.4	35,517	36,5[illegible]	- 2.9	234,933R	229,772	+ 2.2
Foundry & Shell Molding	2,954	5,841	-49.4	25,389R	46,975	-46.0	3,001	5,088	-50.7	25,175R	48,750	-48.4
Plywood	107,364	105,859	+ 1.4	748,450R	715,408	+ 4.6	107,586	105,356	+ 2.1	749,114R	715,159	+ 4.7
Fibrous & Granulated Wood	21,583	19,596	+10.1	149,280	122,862	+21.5	22,433	19,953	+12.4	151,107	123,176	+22.7
Resins Sold to Rubber Industry	2,526	1,891	+33.6	18,234R	16,019	+13.8	1,404	1,831	-23.3	17,505R	17,914	- 2.3
All Other	2,328	16,447	-85.8	106,993R	90,563	+18.1	2,116	16,332	-87.0	107,305R	90,881	+18.1
Protective Coatings – Unmodified & Modified	1,842	2,008	- 8.3	12,850	13,748	- 6.5	1,811	1,990	- 9.0	12,700	13,715	- 7.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	25,594	2,997	+754.0	35,200	25,419	+38.5	25,196	3,147	+700.6	36,068	25,490	+41.5

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO DATE		
	1986	1985	Change	1986	1985	Change	1986	1985	Change	1986	1985	Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	804,233	730,277	+10.1	5,015,693R	5,052,700	- 0.7	728,614	744,947	- 2.2	5,151,621R	5,080,805	+ 1.4
Total Exports	81,422	131,744	-38.2	536,946R	693,403	-22.6						
Total Domestic	722,811	598,533	+20.8	4,478,747R	4,359,297	+ 2.7						
Film (12 Mils & Below)	443,527	379,840	+16.8	2,680,849R	2,691,775	- 0.4						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	53,081	44,015	+20.6	333,169	339,900	- 2.0						
Wire & Cable	32,302	21,999	+46.8	199,148	203,931	- 2.3						
Extrusion Coating	56,620	50,585	+11.9	389,811	385,234	+ 1.2						
Blow Molding	3,424	3,219	+ 6.4	24,615	28,986	-15.1						
Pipe & Conduit, Total	2,687	2,516	+ 6.8	17,885	18,375	- 2.7						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,667	7,091	+50.4	66,355	48,365	+37.2						
Resellers & Compounders	59,556	*		356,028	*							
All Other Uses	60,947	89,268	-31.7	410,887	642,731	-36.1						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	587,489	589,019	- 0.3	3,941,752	3,715,861	+ 6.1	599,903	577,907	+ 3.8	4,094,673	3,852,681	+ 6.3
Total Exports	69,185	93,236	-25.8	520,601	462,336	+12.6						
Total Domestic	518,304	495,783	+ 4.5	3,421,151	3,253,525	+ 5.2						
Film (12 Mils & Below)	37,753	37,912	- 0.4	262,087	241,287	+ 8.6						
Sheet (Over 12 Mils)	16,791	8,973	+87.1	98,636	73,046	+35.0						
Injection Molding	137,568	127,893	+ 7.6	870,985	858,908	+ 1.4						
Wire & Cable	11,000	10,077	+ 9.2	71,113	69,944	+ 1.7						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	201,993	181,405	+11.3	1,338,837	1,246,549	+ 7.4						
Pipe & Conduit, Total	37,272	42,498	-12.3	249,912	277,112	- 9.8						
Corrugated Pipe & Conduit	11,311	9,101	+24.3	84,111	78,534	+ 7.1						
Non-Corrugated Pipe & Conduit	25,961	33,397	-22.3	165,801	198,578	-16.5						
Other Extruded Products	3,453	2,937	+17.6	26,004	24,618	+ 5.6						
Resellers & Compounders	48,036	*		307,221	*							
All Other Uses	24,438	84,088	-70.9	196,356	462,061	-57.5						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	478,221	417,240	+14.6	3,252,828	3,011,579	+ 8.0	471,747	434,588	+ 8.6	3,297,299	2,939,476	+12.2
Total Exports	106,133	100,042	+ 6.1	621,958	494,627	+ 25.7						
Total Domestic	372,088	317,198	+17.3	2,630,870	2,516,952	+ 4.5						
Injection Molding	95,776	92,270	+ 3.8	737,242	742,043	- 0.6						
Appliances	9,655	8,264	+16.8	73,724	67,201	+ 9.7						
Consumer Products	23,000	20,326	+13.2	181,413	181,124	+ 0.2						
Rigid Packaging	32,349	32,838	- 1.5	252,239	226,966	+11.1						
Transportation	20,841	23,177	-10.1	167,860	197,329	-14.9						
All Other Injection Molding	9,931	7,665	+29.6	62,006	69,423	-10.7						
Blow Molding	9,120	9,030	+ 1.0	61,552	63,948	- 3.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	40,192	26,941	+49.2	293,529	237,351	+23.7						
Sheet (Over 10 Mils)	3,570	2,516	+41.9	21,326	25,829	-17.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	126,727	113,989	+11.2	828,557	827,708	+0.1						
Textile Applications	115,931	108,620	+ 6.7	764,010	767,500	-0.5						
Non-Textile Monofilaments	10,796	5,369	+101.1	64,547	60,208	+7.2						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,960	4,126	+92.9	51,621	52,096	-0.9						
Resellers & Compounders	73,293	54,109	+35.5	546,026	465,046	+17.4						
All Other Uses	15,450	14,217	+ 8.7	91,017	102,931	-11.6						

- Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

JULY 1986

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	78,155	82,221	- 4.7	600,031	610,866	- 1.8	75,823	89,580	-15.4	615,572	624,057	- 1.4
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	5,626	5,703	- 1.4	43,338	52,582	-17.6	5,749	6,401	-10.2	49,234	53,231	- 7.5
Total Exports	147	425	-65.4	3,701	5,119	-27.7						
Total Domestic	5,479	5,278	+ 3.8	39,637	47,463	-16.5						
POLYSTYRENE RESINS, TOTAL	357,298	318,130	+12.3	2,561,420R	2,360,978	+ 8.5	383,377	314,852	+21.8	2,526,078	2,345,694	+ 7.7
Straight Polystyrene	200,605	166,175	+20.7	1,339,925R	1,204,122	+11.3	217,027	167,183	+29.8	1,347,751	1,212,423	+11.2
Rubber Modified Polystyrene	156,693	151,955	+ 3.1	1,221,495R	1,156,856	+ 5.6	166,350	147,669	+12.7	1,178,327	1,133,271	+ 4.0
Total Exports	10,031	5,681	+76.6	64,216	50,739	+26.6						
Straight Polystyrene	8,081	3,370	+139.8	41,132	26,932	+52.7						
Rubber Modified Polystyrene	1,950	2,311	-15.6	23,084	23,807	- 3.0						
Total Domestic	347,267	312,449	+11.1	2,497,204R	2,310,239	+ 8.1						
Molding	112,114	104,279	+ 7.5	877,717R	800,987	+ 9.6						
Extrusion	164,074	139,874	+17.3	1,127,280	996,826	+13.1						
Expandable Polystyrene Beads	43,360	42,728	+ 1.5	278,454R	291,733	- 4.6						
All Other Uses	27,719	25,568	+ 8.4	213,753R	220,693	- 3.1						
Polystyrene End Uses, Total**	347,267	312,449	+11.1	2,497,204R	2,310,239	+ 8.1						
Packaging	89,041	75,043	+18.7	610,583	547,037	+11.6						
Disposables	49,775	37,944	+31.2	326,724	271,997	+20.1						
Consumer and Institutional Products	48,934	56,388	-13.2	331,563	390,807	-15.2						
Electrical/Electronics	29,087	22,392	+29.9	221,803	182,674	+21.4						
Furniture, Furnishings, Building & Construction	19,858	11,830	+67.9	128,738	87,015	+47.9						
Expandable Polystyrene Beads	43,360	42,728	+ 1.5	278,454R	291,733	- 4.6						
Resellers and Compounders	42,352	41,790	+ 1.3	284,298R	305,465	- 6.9						
All Other End Uses	24,860	24,334	+ 2.2	315,041	233,511	+34.9						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	70,249	66,092	+ 6.3	490,920R	457,202	+ 7.4	64,342	51,800	+24.2	463,574R	419,763	+10.4
Paper Treating	4,227	3,113	+35.8	31,177R	23,174	+34.5						
Textile Treating	1,468	1,486	- 1.2	11,149R	10,027	+11.2						
Carpet Backing	26,970	24,267	+11.1	176,474R	174,651	+ 1.0						
All Other Uses (Including Exports & Paper Coating)	37,584	37,226	+ 1.0	272,120	249,350	+ 9.1						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	25,597	25,363	+ 0.9	165,365	155,126	+ 6.6	27,397	23,919	+14.5	161,607	158,189	+ 2.2
Total Export	D	D		D	D							
Total Domestic	25,597	25,363	+ 0.9	165,365	155,126	+ 6.6						
Molding & Extrusion	21,037	19,223	+ 9.4	131,474	118,359	+11.1						
Coatings	4,560	6,140	-25.7	33,891	36,767	- 7.8						
NYLON RESINS, TOTAL	34,060	31,796	+ 7.1	255,451R	232,674	+ 9.8	39,592	29,274	+35.2	276,440	231,357	+19.5
Total Exports	2,974	1,965	+51.3	19,683R	14,288	+37.8						
Total Domestic	31,086	29,831	+ 4.2	235,768	218,386	+ 8.0						
Injection Molding Grade	20,404	19,441	+ 5.0	157,341	145,255	+ 8.3						
Extrusion Grade	8,690	8,311	+ 4.6	64,657	58,774	+10.0						
Resellers and Compounders	1,551	1,384	+12.1	9,790	10,260	- 4.6						
All Other Uses	441	695	-36.5	3,980	4,097	- 2.9						

*** Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

• Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian produced material.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS (In thousands of pounds, dry weight basis) JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	576,620	548,393	+ 5.1	4,206,285R	3,847,111	+ 9.3	591,055	520,226	+13.6	4,154,628	3,914,535	+ 6.1
Homopolymer Resins Including Blending & Latex	532,037	500,429	+ 6.3	3,857,090R	3,490,583	+10.5	549,679	485,443	+13.2	3,811,286	3,553,007	+ 7.3
Copolymer Resins Including Blending & Latex	14,772	18,926	-21.9	121,592	147,679	-17.7	14,729	12,782	+15.2	118,295	149,449	-20.8
Dispersion Resins	29,811	29,038	+ 2.7	227,603	208,849	+ 9.0	26,647	22,001	+21.1	225,047	212,079	+ 6.1
Total Exports	28,374	20,749	+36.7	193,129	160,992	+20.0						
Total Domestic	548,246	527,644	+ 3.9	4,013,156R	3,686,119	+ 8.9						
Calendering, Total	51,417	55,322	- 7.1	420,977	381,539	+10.3						
Flooring	12,053	12,575	- 4.2	97,545	86,919	+12.2						
Textile	6,655	4,603	+44.6	44,385	42,186	+ 5.2						
All Other Calendering Uses	32,709	38,144	-14.2	279,047	252,434	+10.5						
Coating, Total	24,123	22,448	+ 7.5	180,852	168,848	+ 7.1						
Flooring	10,502	9,001	+16.7	77,156	68,769	+12.2						
Textile & Paper Coating	6,656	6,722	- 1.0	54,202	49,560	+ 9.4						
Protective Coatings	3,500	3,967	-11.8	26,836	26,381	+ 1.7						
Adhesives & All Other Coating Uses	3,465	2,758	+25.6	22,658	24,138	- 6.1						
Extrusion, Total	371,682	371,628	+ 0.0	2,709,122R	2,587,287	+ 4.7						
Wire & Cable	25,084	34,912	-28.2	239,254	260,985	- 8.3						
Film & Sheet	18,324	16,967	+ 8.0	142,493	134,490	+ 6.0						
Siding & Siding Accessories	35,098	40,602	-13.6	279,381R	264,415	+ 5.7						
Rigid Pipe & Tubing (Except Fittings)	251,472	232,596	+ 8.1	1,735,637R	1,624,148	+ 6.9						
All Other Extrusions	41,704	46,551	-10.4	312,357	303,249	+ 3.0						
Molding, Total	30,699	37,945	-19.1	282,430	273,063	+ 3.4						
Bottles	7,059	13,796	-48.8	109,209	96,272	+13.4						
Sound Records	2,749	4,802	-42.8	25,598	37,130	-31.1						
Fittings (Rigid Pipe & Tubing)	11,205	13,687	-18.1	81,291	99,054	-17.9						
All Other Molding	9,686	5,660	+71.1	66,332	40,607	+63.4						
Paste Processes (Except Coating)	11,062	11,965	- 7.5	90,646	89,696	+ 1.1						
Plastisol Formulation	5,603	5,873	- 4.6	45,646	45,339	+ 0.7						
All Other	5,459	6,092	-10.4	45,000	44,357	+ 1.4						
Resellers & Compounders	20,207	7,955	+154.0	159,106	51,270	+210.1						
All Other Uses	39,456	20,381	+91.6	170,023	134,416	+26.5						

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,026	56,973	+ 0.1	409,605R	400,635	+ 2.2	57,026	56,973	+ 0.1	409,605 R	400,635	+ 2.2
Total Exports	236	504	-53.2	2,697R	3,763	-28.3						
Total Domestic #	56,790	56,469	+ 0.6	406,908R	396,872	+ 2.5						
Emulsion Paints	19,719	19,634	+ 0.4	141,188R	122,710	+15.1						
Adhesives, Caulks and Sealants	20,963	21,303	- 1.6	151,218R	155,195	- 2.6						
Paper Treating & Paper Coating	8,345	8,243	+ 1.2	61,854R	65,087	- 5.0						
Textile Treating	3,295	2,485	+32.6	19,726	19,024	+ 3.7						
Non Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,468	4,804	- 7.0	32,922	34,856	- 5.5						
POLYVINYL ALCOHOL, TOTAL #	D(4)	10,638	n.c.	D(4)	83,593	n.c.	D(4)	14,991	n.c.	D(4)	82,764	n.c.
Total Exports	D(4)	1,611		D(4)	16,448							
Total Domestic	D(4)	9,027		D(4)	67,145							
OTHER VINYL RESINS*, TOTAL	15,764	14,413	+ 9.4	112,512	111,729	+ 0.7	14,307	16,739	-14.5	118,236	110,774	+ 6.7
Total Exports	4,936	4,156	+18.8	30,683	28,414	+ 8.0						
Total Domestic	10,828	10,257	+ 5.6	81,829	83,315	- 1.8						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	99,556	78,921	+26.1	651,950	549,218	+18.7	100,584	79,646	+26.3	656,904	566,226	+16.0
Total Exports	14,510	8,037	+80.5	90,085	68,905	+30.7						
Total Domestic	85,046	70,884	+20.0	561,865	480,313	+17.0						
PET Bottle Grades	62,062	52,707	+17.7	399,585	357,805	+11.7						
All Other Thermoplastic Polyester**	22,984	18,177	+26.4	162,280	122,508	+32.5						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.